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(FILE 'HOME' ENTERED AT 08:37:56 ON 06 JUL 2004)

FILE 'REGISTRY' ENTERED AT 08:38:11 ON 06 JUL 2004

FILE 'CAPLUS' ENTERED AT 08:38:17 ON 06 JUL 2004

FILE 'REGISTRY' ENTERED AT 08:38:45 ON 06 JUL 2004
E CHLORAMINE-T/CN

FILE 'CAPLUS' ENTERED AT 08:38:45 ON 06 JUL 2004
S E3

L1 FILE 'REGISTRY' ENTERED AT 08:39:05 ON 06 JUL 2004
1 S E3/CN

L2 FILE 'CAPLUS' ENTERED AT 08:39:06 ON 06 JUL 2004

2228 S L1

L3 2 S L1 AND STAIN REMOVAL

L4 69 S L2 AND BLEACHING

L5 2 S L1 AND STAIN REMOVAL

L6 41 S L2 AND (COTTON OR TEXTILE)

FILE 'REGISTRY' ENTERED AT 08:48:00 ON 06 JUL 2004

FILE 'CAPLUS' ENTERED AT 08:48:00 ON 06 JUL 2004

=>

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 127-65-1 REGISTRY
 CN Benzenesulfonamide, N-chloro-4-methyl-, sodium salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN p-Toluenesulfonamide, N-chloro-, sodium salt (8CI)
 OTHER NAMES:
 CN Acti-chlore
 CN Aktiven
 CN Aktivin
 CN Anexol
 CN Aseptoclean
 CN Berkendyl
 CN Chloralone
 CN **Chloramine-T**
 CN Chlorasan
 CN Chloraseptine
 CN Chlorazan
 CN Chlorazene
 CN Chlorazone
 CN Chlorozone
 CN Chlorseptol
 CN Cloramine T
 CN Clorina
 CN Clorosan
 CN Desinfect
 CN Euclorina
 CN Gansil
 CN Gyneclorina
 CN Halamid
 CN Heliogen
 CN Kloramin
 CN Kloramine-T
 CN Mannolite
 CN Mianine
 CN Monochloramine T
 CN Multichlor
 CN N-Chloro-4-methylbenzylsulfonamide sodium salt
 CN N-Chloro-p-toluenesulfonamide sodium
 CN N-Chloro-p-toluenesulfonamide sodium salt
 CN N-Chlorotoluenesulfonamide sodium salt
 CN Sodium chloramine T
 CN Sodium N-chloro-4-methylbenzenesulfonamide
 CN Sodium N-chloro-p-toluenesulfonamide
 CN Sodium p-toluenesulfochloramide
 CN Sodium p-toluenesulfonchloramide
 CN Sodium p-toluenesulfonylchloramide
 CN Sodium tosylchloramide
 CN Tampules
 CN Tochlorine
 CN Tolamine
 CN Tosylchloramide sodium
 DR 8045-11-2, 1576-40-5, 72793-59-0, 75532-46-6
 MF C7 H8 Cl N O2 S . Na
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DIOGENES, DRUGU,
 EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 MSDS-OHS, NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE,
 TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent; Report

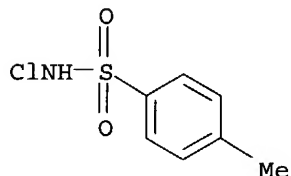
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

CRN (144-86-5)



● Na

2221 REFERENCES IN FILE CA (1907 TO DATE)
15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2225 REFERENCES IN FILE CAPLUS (1907 TO DATE)
26 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:117184 CAPLUS
DN 140:169767
ED Entered STN: 13 Feb 2004
TI Substance containing chloramine T and/or B
IN Balk, Oliver
PA RMP Chemisch-Technische Spezialprodukte GmbH & Co. KG, Germany
SO Ger. Offen., 9 pp.
CODEN: GWXXBX
DT Patent
LA German
IC ICM A61K031-18
CC 63-8 (Pharmaceuticals)
Section cross-reference(s): 40, 46

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10236096	A1	20040212	DE 2002-10236096	20020801
PRAI	DE 2002-10236096		20020801		

AB The invention concerns a procedure for the production of a composition containing

chloramine T and/or chloramine B, in particular chloramine T, as well as uses for the composition The procedure for production is characterized by the fact

that the individual components are mixed with one another in a certain order: first the organic acid, in particular tartaric acid, is microencapsulated with water-soluble and water insol. polyvinylpyrrolidones; next the microencapsulated acid is saturated with sodium bicarbonate; then the additives and adjuvants are added; and finally the chloramine is mixed in. The composition contains at least an additive for reduction smell arising from chloramine. The composition may be used as a disinfectant, **stain** remover, detergent booster or bleaching agent.

ST chloramine compn disinfectant **stain** remover detergent booster bleaching agent; polyvinylpyrrolidone microencapsulated tartaric acid chloramine T B compn

IT Alcohols, uses

RL: NUU (Other use, unclassified); USES (Uses)

(C16-18, ethoxylated; composition containing chloramine T and/or B for use as disinfectant, **stain** remover, detergent booster or bleaching agent)

IT Polyoxyalkylenes, uses

RL: NUU (Other use, unclassified); USES (Uses)

(as hardener; composition containing chloramine T and/or B for use as disinfectant, **stain** remover, detergent booster or bleaching agent)

2003:693763 CAPLUS
 DN 139:215771
 ED Entered STN: 05 Sep 2003
 TI Bleaching of natural fibers without defatting, bleached fibers, and their nonwoven fabrics
 IN Kanke, Fuminori
 PA Marusan Sangyo K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM D06L003-02
 ICS A61F005-44; A61F013-15; A61F013-511
 CC 40-7 (Textiles and Fibers)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003247161	A2	20030905	JP 2002-46725	20020222
	JP 3520990	B2	20040419		
	CN 1450222	A	20031022	CN 2003-106209	20030221
	US 2003226209	A1	20031211	US 2003-370096	20030221
PRAI	JP 2002-46725	A	20020222		

AB The bleaching method contains contacting natural fibers having natural fat on the surface with aqueous bleaching solns. containing peroxydicarboxylic acids. Thus, cotton fibers were immersed in an aqueous solution containing **perlactic acid**, lactic acid, H₂O₂, NaOH, citric acid, tartaric acid, and other additives, rinsed with hot water, neutralized with AcOH, further rinsed, and dried to give bleached cotton fibers showing natural fat retention 0.52%.

ST bleaching natural fiber defatting prevention **perlactic acid**; peroxydicarboxylic acid bleaching cotton nonwoven fabric

IT Bleaching

Cotton fibers

Nonwoven fabrics

(bleaching of natural fibers without defatting for nonwoven fabrics)

IT Natural fibers

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(bleaching of natural fibers without defatting for nonwoven fabrics)

IT Carboxylic acids, uses

RL: NUU (Other use, unclassified); USES (Uses)

(peroxy, bleaching solution containing; bleaching of natural fibers without defatting for nonwoven fabrics)

IT 50-21-5, Lactic acid, uses 77-92-9, Citric acid, uses 87-69-4,
 Tartaric acid, uses 1310-73-2, Sodium hydroxide, uses 7722-84-1,
 Hydrogen peroxide, uses 75033-25-9, **Perlactic acid**

RL: NUU (Other use, unclassified); USES (Uses)

(bleaching solution containing; bleaching of natural fibers without

defatting

for nonwoven fabrics)

N
AN 1952:70521 CAPLUS
DN 46:70521
OREF 46:11720a-b
ED Entered STN: 22 Apr 2001
TI Bleaching with chlorine compounds in the suds
AU Anon.
SO Mededel. Proefsta. Wasind., No. 55, 11 pp.
DT Journal
LA Unavailable
CC 27 (Fats, Fatty Oils, Waxes, and Detergents)
AB Laundering and bleaching tests on a laboratory and on a tech. scale were made with NaOCl (I), the sodium salt of p-toluenesulfonomonochloroamide (II), and p-toluenesulfodichloroamide (III). The action of I, II, and III on the washing goods, if applied in the suds, depends on several hardly controllable factors, e.g. the dirtiness of the linen and the speed of heating of the suds. Thus chemical damage caused by bleaching can be very high whereas **stain** removal never is very good. Bleaching with I in one of the rinses at a low temperature gives good **stain** removal and safety, i.e., small chemical damage.
IT Laundering
 (bleaching with Cl compds. in suds during)
IT Bleaching
 (with chlorine compds. in suds in laundering)
IT 127-65-1, Chloramine-T 473-34-7, Dichloramine-T
 (bleaching with, in suds during laundering)

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Chloramine-T [127-65-1]

Synonyms: Aktiven; Chloramine-T; CHLORAMINE T HYDRATE; Chloraseptine; Chlorazene; Chlorazone; Clorina; euclorina; Gansil; Gyneclorina; Halamid; Mianine; (N-Chloro-p-toluenesulfonamido)sodium; N-Sodium, N-chloro-para-toluenesulfonamide; p-Toluenesulfonchloramide Sodium Salt; Sodium p-Toluenesulfonchloramide; Sodium p-toluenesulfonchloramine; Sodium p-toluene sulfochloramine; Chloramine T, sodium salt; N-Chloro-4-methylbenzenesulfonamide sodium salt; N-Chloro-p-toluenesulfonamide, sodium salt; Sodium N-chloro-para-toluenesulfonamidate; Sodium N-chloro-p-toluenesulfonchloramide; tosylchloramide sodium; Tochlorine; tolamine;

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Formula	C ₇ H ₇ ClNNaO ₂ S	Molecular Weight	227.64057
CAS RN	127-65-1	Melting Point (°C)	167 - 169 (dec)
ACX Number	X1001413-2	Boiling Point (°C)	
Density		Vapor Density	
Refractive Index		Vapor Pressure	
Evaporation Rate		Water Solubility	15 g/100 mL
Flash Point (°C)	192	EPA Code	
DOT Number		RTECS	XT5616800
Comments	White powder; bleach like odor. AIR SENSITIVE. May decompose violently if heated above 130 Deg C. Detection of bromate and		